

Data sheet

Hydraulic data

Maximum operating pressure P_N	16 bar
Head max H_{max}	12,0 m
Flow max Q_{max}	67,0 m ³ /h
Minimum suction head at 50 °C m	7 m
Minimum suction head at 95 °C m	15 m
Minimum suction head at 110 °C	23 m
Min. fluid temperature T_{min}	-10 °C
Max. fluid temperature T_{max}	110 °C
Min. ambient temperature T_{min}	-10 °C
Max. ambient temperature T_{max}	40 °C

Motor data

Energy efficiency index (EEI)	0,17
Mains connection	1~230 V ±10%, 50/60 Hz
Rated power P_2	1109 W
Min. speed n_{min}	500 1/min
Max. speed n_{max}	3050 1/min
Power consumption P_{1min}	20 W
Power consumption P_{1max}	1290 W
Interference emission	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference immunity	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

Installation dimensions

Pipe connection on the suction side DN_s	DN 100
Pipe connection on the pressure side DN_d	DN 100
Port-to-port length L_0	360 mm

Materials

Pump housing	Cast iron
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated